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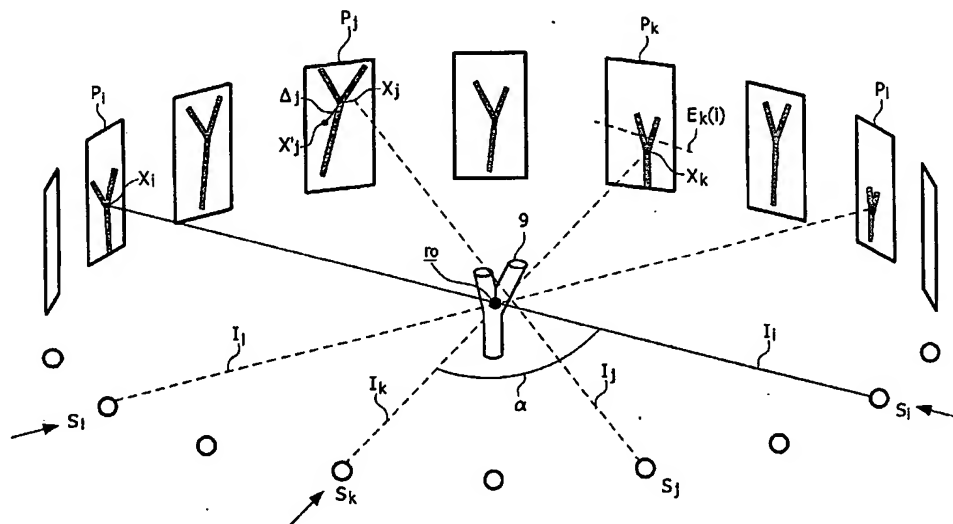
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- (71) Applicant (for DE only): **PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH [DE/DE];** Stein-damm 94, 20099 Hamburg (DE).
- (71) Applicant (for AE, AG, AL, AM, AT, AU, AZ, BA, BB, BE, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CY, CZ, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, SZ, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW only): **KONINKLIJKE PHILIPS ELECTRONICS N. V. [NL/NL];** Groenewoud-seweg 1, NL-5621 BA Eindhoven (NL).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **MOVASSAGHI, Babak [DE/DE];** c/o Philips Intellectual Property & Standards GmbH Weissshausstr. 2, 52066 Aachen (DE). **RASCHE, Volker [DE/DE];** c/o Philips Intellectual Property & Standards GmbH Weissshausstr. 2, 52066 Aachen (DE).
- (74) Agent: **MEYER, Michael;** Philips Intellectual Property & Standards GmbH Weissshausstr. 2, 52066 Aachen (DE).
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(54) Title: **DEVICE TO GENERATE A THREE-DIMENSIONAL IMAGE OF A MOVED OBJECT**



(57) Abstract: The invention relates to a method and a device for generating a three-dimensional image of an object (9) such as in particular the heart, from a series of (X-ray) projection pictures (P_1, P_j, P_k, P_l). For the reconstruction only those projection pictures are used in which the projection lines (I_1, I_j, I_k, I_l) of a characteristic object feature intersect at approximately the same spatial point (r_0). The characteristic object feature can in particular be a vessel branch which can easily be located on the projection pictures.



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